

**REMARKS**

Applicants have amended their claims in order to further clarify the definition of various aspects of the present invention. Specifically, Applicants have amended claim 1 such that the language thereof corresponds to the indication by the Examiner in the last three lines of the second paragraph of Item 4, on page 2 of the Office Action mailed November 22, 2005; that is, to recite a light-receiving element connected to only the bottom face of each scintillator cell in the bottom layer of the stack of this multi-layer scintillator. Applicants have also amended each of claims 8 and 9, to be singly-dependent claims dependent on a multiple dependent claim; and have amended claim 10 to be dependent on claim 8 (which is a singly dependent claim which is dependent on a multiple dependent claim).

In light of amendment of dependency of claim 10, Applicants are adding new claims 12 and 13 to the application. Claims 12 and 13 recite subject matter expressly set forth respectively in claims 10 and 11, but are dependent respectively on claims 9 and 12.

The rejection of claims 1-7 under the second paragraph of 35 USC 112, as being indefinite, set forth in Item 4 on page 2 of the Office Action mailed November 22, 2005, is noted. It is to be noted that the Examiner indicates in the second paragraph of Item 4, that it appears from the description and the drawings that "the light-receiving element is connected to only the bottom face of each scintillator cell in the bottom layer of the stack". Applicants have amended claim 1 to recite language consistent with this indication by the Examiner, that is, to recite a light-receiving element connected to "only" the bottom face of each scintillator cell "in the bottom layer of the stack" of this multi-layer scintillator. In view of amendments to claim 1, it

is respectfully submitted that the rejection of claims 1-7 under the second paragraph of 35 USC 112, as being indefinite, is moot.

Noting the statement by the Examiner in Item 5 on page 3 of the Office Action mailed November 22, 2005, for which the Examiner is thanked, claims 1-7 should now be allowed.

The objection to claims 8-11 under 37 CFR 1.75(c), as being in improper dependent form because a multiple dependent claim cannot depend from any other multiple dependent claim, is noted. See Item 1 on page 2 of the Office Action mailed November 22, 2005. Applicants have amended dependencies of claims 8-10, such that each of claims 8-10 is a dependent claim, which is dependent on only a single immediately prior claim. Moreover, newly added claims 12 and 13 are also dependent claims which are dependent on a single immediately prior claim. In view of amendments to claims 8-10, and noting new claims 12 and 13, it is respectfully submitted that the objection under 37 CFR 1.75(c), set forth in Item 1 on page 2 of the Office Action mailed November 22, 2005, is moot.

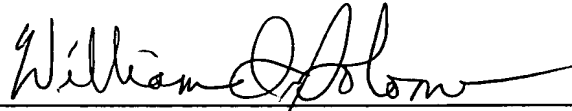
In view of the foregoing comments and amendments, allowance of all claims presently in the application, including claims 8-11, and passing of the above-identified application to issue in due course, are respectfully requested.

Applicants request any shortage in fees due in connection with the filing of this paper be charged to the Deposit Account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (case 473.43213X00), and credit any excess payment of fees to such Deposit Account.

Respectfully submitted,

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